

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of granting access to content on a storage medium ~~(101)~~, said method comprising the steps of:

_____ obtaining cryptographic data ~~(Y)~~ from a property ~~(102)~~ of the storage medium ~~(101)~~,_i

_____ reading helper data ~~(W)~~ from the storage medium ~~(101)~~,_i

and

_____ granting the access based on an application of a delta-contracting function to the cryptographic data ~~(Y)~~ and the helper data ~~(W)~~.

2. (Currently Amended) The method ~~of~~ as claimed in claim 1,
~~comprising wherein said method further comprises the step of:~~

_____ deriving a decryption key ~~(K)~~ for decrypting the content at least from the application of the delta-contracting function.

3. (Currently Amended) The method ~~of~~ as claimed in claim 2,
~~comprising wherein said step of deriving the~~ a decryption key (K)
further derives the decryption key from data supplied by a playback or recording apparatus ~~(400)~~.

4. (Currently Amended) The method ~~of~~ as claimed in claim 1, in
~~which~~ wherein the access is granted if the output of the delta-

contracting function corresponds to a control value ~~(V)~~ recorded on the storage medium ~~(101)~~.

5. (Currently Amended) The method ~~of~~ as claimed in claim 4, ~~comprising wherein said method further comprises the steps of:~~
_____ applying a cryptographic function to the output of the delta-contracting function; and
_____ comparing the output of the cryptographic function to the control value ~~(V)~~.

6. (Currently Amended) The method ~~of~~ as claimed in claim 5, ~~in which~~ wherein the cryptographic function is a one-way hash function.

7. (Currently Amended) The method ~~of~~ as claimed in claim 1, ~~in which~~ wherein the delta-contracting function involves a combination of a matrix multiplication on the cryptographic data ~~(Y)~~, a linear addition of at least a portion of the helper data ~~(W)~~, a quantization in which the quantization areas are defined by a portion of the helper data ~~(W)~~, and error correction decoding.

8. (Currently Amended) A device ~~(110)~~ arranged for granting access to content on a storage medium ~~(101)~~, said device comprising:
_____ first reading means ~~(112)~~ for obtaining cryptographic data ~~(Y)~~ from a property ~~(102)~~ of the storage medium ~~(101)~~;

_____second reading means ~~(112)~~ for reading helper data ~~(W)~~ from the storage medium ~~(101)~~; and

_____access control means for granting the access based on an application of a delta-contracting function to the cryptographic data ~~(Y)~~ and the helper data ~~(W)~~.

9. (Currently Amended) A playback and/or recording apparatus ~~(400)~~ comprising:

_____ playback/recording means for playing back and/or recording data to a storage medium; and

_____ a device arranged for granting access to content on the storage medium, said device comprising:

_____ first reading means for obtaining cryptographic data from a property of the storage medium;

_____ second reading means for reading helper data from the storage medium; and

_____ access control means for granting access to the storage medium by the playback/recording means based on an application of a delta-contracting function to the cryptographic data and the helper data ~~(101)~~ as claimed in claim 8 and arranged to effect the playback and/or recording if access is granted by the device ~~(110)~~.

10. (Currently Amended) A computer-readable medium having a computer program product recorded thereon, said computer program product being arranged to cause a processor to execute the method of claim 1.